

ANNUAL REPORT

OF THE

Medical Officer of Health,

ON THE

Sanitary Conditions

OF THE

MACCLESFIELD

RURAL DISTRICT,

FOR THE YEAR 1900.

MACCLESFIELD :

HEATH BROS., PRINTERS, "TIMES" OFFICE, CHESTERGATE.

Names and Residences of the Rural District Councillors.

- *Mr. Allen Cooke, Whiteley Green, Adlington, near Macclesfield.
 - *Rev. Canon Bell, J.P., Alderley Rectory, near Crewe.
 - *Mr. Henry Massey, Over Alderley, near Crewe.
 - *Mr. Simeon Massey, Birtles Old Hall Farm, Chelford near Crewe.
 - *Mr. Francis Rathbone Thompstone, Harrington House, Bosley., near Macclesfield.
 - *Mr. John Jackson, Butley, near Macclesfield.
 - *Mr. John Wright, Simons Wood, Siddington, near Crewe.
 - *Mr. Samuel Whitlow Bucktrout, Snelson, near Crewe.
 - *Mr. John Wolfenden, Chorley, Alderley Edge.
 - *Rev. Robert Moore Peile Butler, Eaton Vicarage, near Congleton.
 - *Mr. George Thomas Vernon, Sycamore Farm, Upton, near Macclesfield.
 - *Mr. James Hague, Walker's Heath, Gawsforth, near Macclesfield.
 - *Mr. Harry Edgar Smale, Hurdsfield Cottage, Hurdsfield, near Macclesfield.
 - xMr. Robert Bennett, Slaters Farm, Kettleshulme, near Stockport.
 - xMr. Edward Howe, Gibb Hill, Pott Shrigley, near Macclesfield.
 - xMr. Daniel Cooper Wheelton, Lower Nabs, Wildboarclough, near Macclesfield.
 - †Mr. Peter Potts, Marton, near Crewe.
 - †Mr. Edward Cliffe, Mottram-St.-Andrew, near Macclesfield.
 - †Mr. Enoch Clayton, North Rode Hall Farm, near Congleton.
 - xRev. Thomas Bridge, The Vicarage, Poynton, near Stockport.
 - xMr. George Clementson Greenwell, J.P., Beechfield, Poynton near Stockport.
 - xMr. Thomas Robinson, Black Boy, Prestbury, near Macclesfield.
 - xMr. William Whiston, J.P., Clough House, Langley, near Macclesfield.
 - xRev. S. Evans, Taxal, near Stockport.
 - xMr. Henry Wallworth, Tytherington Old Hall, Tytherington, near Macclesfield.
 - xMr. Edward Thompstone, Great Warford, Alderley Edge, near Manchester.
 - xMr. Thomas Venables, Lower Withington, near Crewe.
 - xMr. James Shufflebotham, Wood Cottage, Wincle, near Macclesfield.
 - xMr. Samuel Worthington, Old Hall, Woodford. near Stockport.
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TO THE CHAIRMAN AND MEMBERS
OF
The Rural District Council,
MACCLESFIELD.

GENTLEMEN,

Area of District 80,409 acres.
Population (1891) 17,329,
Townships in Districts, 38.

During the year 1900 there have been registered 418 births (210 males, 208 females) the natural increase for the year being 215.

The Birth-rate is 22·73 per 1000, per annum, and the rate of mortality is 11·03 per 1,000 per annum. 15·27 per cent of the total deaths were children under 5 years of age, against 24·30 per cent of last year. 43·34 per cent were persons of 65 years and upwards, against 34·66 of 1899.

The rate of infant mortality, measured by the proportion of deaths of children under 1 year of age per 1,000 born is 74·1 against 114·8 of 1899. The rate of mortality of males of all ages per 1,000 of population is 5·11 and of females 5·9.

The Death-rate from Zymotic Diseases per 1,000 of population is ·21 against ·28 of last year.

Deaths occurred at the following ages:—

Under 1 year.....	31
Between 1 year and 5 years	14
„ 5 years and 15 years	8
„ 15 „ 25 „	7
„ 25 „ 65 „	55
65 years and upwards	88
Total ...	203

SMALLPOX.—No cases.

SCARLET FEVER.—60 cases were notified, of which 1 in the district of Alderley and one in the district of Sutton died.

DIPHTHERIA.—6 cases were notified ; namely 2 in Alderley, 2 in Rainow and 2 in Bollington. No deaths were due to this disease.

MEMBRANEOUS CROUP.—No case notified.

TYPHUS FEVER.—No case notified.

TYPHOID FEVER.—9 cases were notified from 4 townships. 1 case in Prestbury died.

PUERPERAL FEVER.—1 case notified in Gawsorth.

ERYSIPELAS.—7 cases of this disease were notified, 3 in the township of Bollington, 3 in Rainow and 1 in Prestbury. 1 case in Rainow died.

MEASLES.—2 deaths were due to this disease in Prestbury.

WHOOPING COUGH.—1 death occurred in Prestbury.

RHEUMATIC FEVER.—2 deaths were due to this disease in Prestbury

PHTHISIS.—9 deaths were due to this disease against 15 of last year :—4 in Alderley, 3 in Prestbury, 1 in Rainow and 1 in Sutton.

BRONCHITIS, PNEUMONIA AND PLEURISY.—40 deaths were due to these diseases against 38 of last year.

HEART DISEASE.—28 deaths against 43 of last year.

INFLUENZA.—No deaths occurred from this disease.

INJURIES.—3 deaths ; 2 in Rainow and 1 in Prestbury.

ALL OTHER DISEASES.—72 deaths against 137 of last year.

ALDERLEY. This district has again been remarkably free from infectious sickness. 7 cases were notified during the past year comprising 2 of Diphtheria, 2 of Enteric Fever and 3 of Scarlet Fever. One of these latter, a child two years old, died.

BOLLINGTON. From this district 15 cases of infectious disease were notified, 9 of which were Scarlet Fever, 3 were Enteric and 3 Diphtheria. No deaths occurred. The School at Bollington Cross was closed by order of the District Council on March 9th, owing to an outbreak of Scarlet Fever. After thorough cleansing and disinfection it was re-opened on April 23rd. The Wesleyan School at Kerridge was also closed from June 14th to August 11th, owing to the prevalence of Measles and Mumps among the scholars..

GAWSWORTH. Sixteen cases of infectious disease were notified from this district, comprising 13 cases of Scarlet Fever, 2 of Diphtheria, and 1 of Puerperal Fever. This latter died. In January, Scarlet Fever broke out at the Siddington Post Office, prompt measures were taken to secure the transaction of postal operations at another dwelling and no further case occurred. The Managers at North Rode closed their school for some time owing to Scarlet Fever in the neighbourhood, but this was done without the authority of this Council.

PRESTBURY. In this district there occurred 12 cases of infectious disease against 31 of last year. 8 of Scarlet Fever, 1 of Erysipelas and 3 of Enteric. One death occurred from Enteric Fever. Owing to the prevalence of Measles the schools were closed from February 8th to March 5th. The sanitary arrangements of a large portion of this district will be materially improved when the new sewage scheme is completed.

RAINOW. From this district were notified 19 cases of infectious disease against 65 of last year. 14 cases of Scarlet Fever, 3 of Erysipelas and 2 of Diphtheria. The only death occurred from Erysipelas in a child six months old. The Schools at Macclesfield Forest were closed by order of the District Council from January 27th to March 3rd owing to an outbreak of Scarlet Fever which in all probability was traceable to Liverpool. The sanitary conditions of this township in general are very good and much sickness is due to the carelessness of the people themselves who neglect ordinary measures of precaution against infection.

SUTTON. Fourteen cases of infectious disease were notified from this district, comprising 13 cases of Scarlet Fever and 1 of Enteric Fever. One death occurred from Scarlet Fever. The sanitary conditions are satisfactory.

Since writing my last report the inhabitants of Kerridge petitioned the County Council that the township might be transferred from the authority of the District Council of Macclesfield to that of the Urban District of Bollington. The question was submitted to the Local Government Board and with their sanction the transference was completed.

During the past year there has been a decided decrease in the number of deaths from Phthisis in this District, and in connection with this disease I would mention the excellent work being done in preventing the consumption of milk from tuberculous cows, and also to the wider recognition by people in general of Phthisis as a preventible disease and of the importance of pure air and sanitary surroundings.

On the receipt of notifications of Infectious Disease I have visited the dwellings and localities where the outbreak occurred. The sanitary arrangements and water supply have been carefully inspected and instruction given how to prevent, as far as possible, the further spread of the disease. No cases have been traceable to the milk supply.

Much expense and friction might be spared by the provision of an Isolation Hospital. In many cases it is almost impossible to provide complete isolation in an ordinary dwelling and in consequence the risk of further infection is greatly increased.

I am, Gentlemen,

Your obedient servant,

JOHN L. RUSHTON, M.D.,

Medical Officer of Health.

Macclesfield,

15th February, 1901.

BIRTH AND DEATH RATE FOR TEN YEARS.

7

YEAR.	BIRTH-RATE.	DEATH-RATE.	ZYMOTIC DEATH-RATE.
1891	 22·01	 15·29	2
1892	 21·75	 13·08	2
1893	 22·45	 14·14	5
1894	 26·27	 12·99	39
1895	 24·39	 15·02	62
1896	 22·36	 13·14	33
1897	 23·83	 13·33	63
1898	 25·27	 14·08	17
1899	 21·94	 14·48	28
1900	 22·73	 11·03	21

INQUESTS IN THE RURAL COUNCIL DISTRICT OF MACCLESFIELD IN 1900.

No.	Sub-District	Township.	Date.	Sex.	Age.	Supposed cause of Death.
1	Alderley.....	Nether Alderley ..	March 9th	M	60	Found dead in a Cow House, Death due to Syncope.
2	Gawsworth...	Eaton	May 4th (1899.)	F	62	Suicide by Drowning in a pond whilst temporarily insane.
3	Prestbury ...	Woodford	Dec. 31st.	F	50	Exhaustion, consequent upon severe Burns caused by her clothes catching fire whilst pouring Paraffin Oil upon her fire.
4	Prestbury ...	Adlington	(1900.) Mar. 21st	M	36	Suicide by Hanging whilst temporarily insane.
5	Rainow	Rainow	July 11th.	M	11	Died from Shock and Severe Injuries to his head caused by being knocked down and run over by a cart.
6	Rainow	Higher Hurdfield	Aug. 6th.	M	57	Fracture of the Skull and Severe Internal Injuries caused by falling down a quarry.
7	Sutton	Lane Ends..... ..	April 3rd.	F	6	Broncho Pneumonia.
8	Sutton	Wildboarclough....	Juiy 19th.	F	17	Found Dead in Bed, such death being due to suppressed Scarlet Fever.
9	Prestbury ...	Poynton..... ..	Nov. 24th	F	1	Bronchitis.

UNCERTIFIED DEATHS IN THE RURAL COUNCIL DISTRICT OF MACCLESFIELD IN 1900.

1	Prestbury ...	Ward's End, Poynton	Oct. 17th	M	1 hour	Premature Birth.
2	Sutton	Sutton	Mar. 17th	M	15 mhs.	Convulsions probably due to Teething.

TABLE 1.
FOR WHOLE DISTRICT.

Year.	Popula- tion esti- mated to Middle of each Year.	Births.		Deaths under 1 Year of age.		Deaths at all Ages. Total.		Deaths in Public Institutions.	Deaths of Non- residents regis- tered in District.	Deaths of Resi- dents registered beyond District.	Deaths at all Ages nett.	
		Number	Rate.*	Number	Rate per 1000 births registered	Number	Rate.*				Number	Rate.*
1	2	3	4	5	6	7	8	9	10	11	12	13
1890	18455	431	24.10	54	125.00	302	17.28	...	...	...	...	...
1891	17329	497	22.01	49	98.50	271	15.29	...	...	...	...	...
1892	17315	379	21.75	40	105.54	228	13.08	...	...	...	...	...
1893	17498	432	24.54	36	83.33	249	14.14	...	...	...	...	...
1894	17552	461	26.27	41	88.93	228	12.99	...	...	...	...	...
1895	17633	430	24.30	46	106.97	265	15.02	...	...	...	...	...
1896	17797	398	22.36	42	105.52	234	13.14	...	...	...	...	...
1897	17979	413	23.83	29	70.21	231	13.33	...	...	...	...	...
1898	18170	435	25.27	44	101.14	244	14.08	...	...	...	...	...
1899	18212	383	21.94	44	114.80	251	14.48	...	...	...	...	...
Aver- ages for Years 189 - 1899.	17794	425.9	23.637	42.5	99.994	250.3	14.283	...	...	...	...	...
1900	18289	418	22.73	31	74.1	203	11.03	...	...	...	...	...

* Rates calculated per 1,000 of estimated population.

NOTE.—The deaths to be included in Column 7 of this table are the whole of those registered during the year as having actually occurred within the district or division. The deaths to be included in Column 12 are the number in Column 7, corrected by the subtraction of the number in Column 10 and the addition of the number in Column 11.

By the term “Non-residents” is meant persons brought into the district on account of illness, and dying there; and by the term “Residents” is meant persons who have been taken out of the district on account of illness, and have died elsewhere.

At census of 1891 :—Total population at all ages, 17,329. Number of inhabited houses, 4,014. Average number of persons per house, 4.3.

Area of District in acres (exclusive of area covered by water), 80,409 acres.

TABLE II.

Year.	1. ALDERLEY.				2. BOLLINGTON.				3. GAWSWORTH.				4. PRESTBURY.				5. RAINOW.				6. SUTTON.				7.			
	a.	b.	c.	d.	a.	b.	c.	d.	a.	b.	c.	d.	a.	b.	c.	d.	a.	b.	c.	d.	a.	b.	c.	d.	a.	b.	c.	d.
1890	3197	70	40	6	2953	73	49	11	2921	54	59	13	5185	126	80	14	2247	57	39	3	1952	51	35	7	...	...	...	...
1891	2965	71	32	5	2846	52	37	6	2672	49	49	6	4969	127	91	20	2097	53	33	8	1780	38	29	4	...	...	...	...
1892	2974	63	27	9	2846	76	44	8	2665	60	31	4	4978	132	53	10	2088	64	41	5	1764	16	32	4	...	...	...	...
1893	3002	74	46	5	2876	68	38	5	2693	66	38	4	5045	143	76	19	2104	47	31	0	1778	34	20	3	...	...	...	...
1894	3003	79	40	10	2882	66	46	6	2708	71	33	7	5033	148	69	14	2123	63	27	2	1803	34	13	2	...	...	...	...
1895	3020	83	60	12	2886	75	52	11	2729	64	32	4	5052	124	71	12	2133	46	31	3	1813	38	19	4	...	...	...	...
1896	3045	61	36	8	2907	54	33	4	2755	63	37	5	5098	115	69	12	2156	58	35	6	1836	47	24	7	...	...	...	...
1897	3089	74	30	2	2924	61	44	2	2792	70	33	5	5171	136	63	12	2155	33	34	6	1848	39	27	2	...	...	...	...
1898	3121	65	33	6	2950	70	44	11	2827	68	33	6	5212	127	86	12	2193	59	21	3	1867	46	27	6	...	...	...	...
1899	3124	66	45	8	2956	57	44	6	2830	51	33	2	6237	126	72	18	2195	49	32	3	1870	34	25	7	...	...	...	...
Average of Years 1890 to 1899	3054.0	70.6	38.9	7.1	2902.6	65.2	43.1	7.0	2759.2	61.6	37.8	5.6	5198.0	13.04	73.0	14.3	2149.0	52.9	32.4	3.9	183.11	37.7	25.1	4.6	...	...	...	...
1900	3154	61	31	4	2973	41	24	4	2860	57	27	2	6324	151	64	13	2227	56	24	3	1889	52	33	5	...	...	...	...

TABLE III.

CASES OF INFECTIOUS DISEASE NOTIFIED DURING THE YEAR 1900.

NOTIFIABLE DISEASE.	CASES NOTIFIED IN WHOLE DISTRICT.						TOTAL CASES NOTIFIED IN EACH LOCALITY.						No. OF CASES REMOVED TO HOSPITAL FROM EACH LOCALITY.					
	At all Ages	At Age†—Years.					Alderley	Bollington	Gawsworth	Prestbury	Rainow	Sutton						
		Under 1	1 to 5	5 to 15	15 to 25	25 to 65												
Small-pox						65 & up- w'rds												
Cholera																		
Diphtheria	6			5		1	2		2		2							
Membranous Croup																		
Krysipelas	7	1				6		3		1								
Scarlet Fever.....	60	1	10	32	13	4	3	9	13	8	14	13						
Typhus Fever																		
Enteric Fever	9			3	3	3	2	3		3		1						
Relapsing Fever																		
Continued Fever																		
Puerperal Fever	1					1			1									
Plague																		
*																		
Totals	83	2	10	40	16	15	7	15	16	12	19	14						

Causes of, and Ages at, Death during Year 1900.

CAUSES OF DEATH	DEATHS IN WHOLE DISTRICT AT SUBJOINED AGES.							DEATHS IN LOCALITIES (AT ALL AGES)					
	All Ages	Under 1	1 and under 5	5 and under 15	15 and under 25	25 and under 65	65 and upwards	Alderley	Bollington	Gawsworth	Prestbury	Rainow	Sutton
Small-pox													
Measles	2		2								2		
Scarlet Fever.....	2		1		1			1					1
Whooping Cough....	1	1									1		
Diphtheria and Mem- branous Croup...													
Croup.....	1	1								1			
Fever { Typhus.....													
Fever { Enteric.....	1			1							1		
Other continued	2				1	1					2		
Epidemic Influenza..													
Cholera													
Plague													
Diarrhœa													
Enteritis !.....	3	2					1				1		2
Puerperal Fever ...	1					1				1			
Erysipelas	1	1										1	
Other septic diseases	1					1							1
Phthisis	9			1		8		4			3	1	1
Other Tubercular Diseases	6	2	4								4	1	1
Cancer, malignant Disease.....	15					3	12	1	2	3	6	1	2
Bronchitis	22	1	2		1	1	17	7	1	2	5	1	6
Pneumonia.....	17	1	4	1		6	5		6	4	5		2
Pleurisy	1					1					1		
Other Diseases of Respiratory Organs	3				1	1	1		1		1	1	
Alcoholism } Cirrhosis of Liver }	1						1	1					
Venereal Diseases...													
Premature Birth ...	6	6						1			3	1	1
Diseases and Acci- dents of Parturition	3				1	2						1	2
Heart Diseases	28			1		7	20	3	1	5	11	3	5
Accidents	3		1			2					1	2	
Suicides	2					2				1	1		
All other causes.....	72	16	0	4	2	19	27	13	13	10	16	11	9
All causes.....	203	31	14	8	7	55	88	31	24	27	64	24	33

OUTBREAKS OF INFECTIOUS DISEASES DURING 1900.

No. of Case	No. in Report Book	Date 1900	Sub-District	Township	Initials	Disease	No. in family	No. Seized	Age	Source of Infection	Incidence	Sequence	Remarks
1	1	Jan. 8	Rainow	Saltersford	E.E.	Scarlet Fever	12	11	12	Not traceable	Jan. 6	Recovery	Fair
2	1	" 14	Prestbury	Fallibroome	H.P.	"	3	1	2	"	"	"	"
3	1	" 15	Rainow	Rainow	P.S.	"	5	1	15	"	"	"	"
4	2	" 19	H. Sutton	Wildboardclough	R.T.	"	4	1	17	"	"	"	Sanitaryconditions fair
5	2	" 20	Gawsworth	Siddington	L.M.	"	7	1	6	"	"	"	good
6	3	" 22	Alderley	Snelson	T.F.	"	4	1	2	"	"	Died	Defective drain
7	3	" 22	Rainow	Mcclsfld. Forest	E.H.	"	12	1	6	"	"	Recovery	See No. 1
8	3	"	Sutton	Langley	T.A.	"	4	1	25	To No 1	"	"	Sanitary condtns. fair
9	3	"	"	"	T.J.	"	4	1	3	To Janet	"	"	"
10	4	" 23	Prestbury	Butley	D.F.	"	7	1	14	"	"	"	"
11	5	" 24	H. Sutton	Wildboardclough	R.M.	"	4	1	21	Not traceable	"	"	Drain removed
12	5	"	Sutton	31 Langley	T.F.	"	5	1	6	To No. 4	"	"	See No. 4 case
13	5	"	"	"	Mrs.	"	5	1	34	Not traceable	"	"	Sanitary condtns. fair
14	5	" 25	Rainow	Kettleshulme	B. Mrs.	Erysipelas	7	1	54	To No. 12	"	"	"
15	5	" 26	Sutton	31 Langley	T.A.	Scarlet Fever	5	1	3	To No. 12	"	"	See No. 12
16	6	"	Rainow	Rainow	R.T.	"	4	1	22	To No. 1, Jan. 8	"	"	Conditions good
17	6	Feb. 1	Prestbury	Prestbury	M.A.	Erysipelas	5	1	43	Not traceable	"	"	"
18	6	" 2	Prestbury	Prestbury	C.J.	Typhoid	5	1	8	Traceable	Feb. 1	Died	Church yard
19	7	"	Rainow	Kettleshulme	B.F.	Scarlet Fever	3	1	25	Not traceable	"	Recovered	Conditions fair
20	7	" 5	"	"	B.M.	"	7	1	24	"	"	"	"
21	7	" 6	"	Mcclsfld. Forest	B.L.	"	—	1	14	Traceable to No. 1	"	"	"
22	7	" 9	"	Kettleshulme	B.J.	"	7	1	18	To No. 20	"	"	"
23	8	" 14	"	"	F.E.	Erysipelas	—	1	65	"	"	"	"
24	8	" 17	BollingtonC.	Kerridge	S.F.	Scarlet Fever	3	1	5	Traceable	"	"	Blocked drains
25	9	" 20	Gawsworth	Siddington	L.D.	"	7	1	3	To No. 5	"	"	See No. 5
26	9	" 21	Bollington	Kerridge	E.T.	"	4	1	10	"	"	"	See R.B., 1898, p. 2
27	9	" 25	BollingtonC.	"	W.E.	"	4	1	3	Not traceable	"	"	"
28	9	" 26	"	"	B.A.	"	8	1	3	"	"	"	Excellent

OUTBREAKS OF INFECTIOUS DISEASES DURING 1900.

No. of Case	No. in Report Book	Date 1900	Sub-District	Township	Initials	Disease	No. in family	No. Seized	Age	Source of Infection	Incidence	Sequence	Remarks
29	10	Mar. 11	Gawsworth	North Rode	D.S.A.	Scarlet Fever	8	1	8	Not traceable	Mar. 10	Recovered	Fair
30	10	"	"	"	D.A.	"	8	1	7	"	"	"	"
31	10	"	"	"	D.J.W.	"	8	1	5	"	"	"	"
32	10	"	"	"	D.E.	"	8	1	4	"	"	"	"
33	10	"	"	"	D.L.	"	8	1	2	"	"	"	"
34	10	"	"	"	H.T.W.	"	4	1	32	To Stockport	"	"	Good
35	11	"	Prestbury	Poynton	G.J.	"	4	1	5	Not traceable	"	"	"
36	12	"	Bollington	Shrigley	P.J.	Erysipelas	7	1	60	"	"	"	"
37	12	April 7	"	1ytherington	S.D.	Scarlet Fever	9	1	5	"	April 6	"	"
38	13	"	Sutton	Higher Sutton	M. Mrs	Scarlet Fever	12	1	40	"	"	Died	Fair
39	13	"	Bollington	Marton	M.L.	Peurperal	5	1	8	"	"	Recovered	Good
40	13	"	Bollington	Pott Shrigley	K. Mrs.	Scarlet Fever	—	—	—	"	"	"	"
41	14	"	Gawsworth	Kerridge	J.D.	Erysipelas	9	1	14	"	"	"	Fair
42	15	May 6	Prestbury	North Rode	W.J.	Scarlet Fever	6	1	12	"	May 5	"	"
43	15	"	Bollington	Woodford	J.F.	"	4	1	8	"	"	"	Good
44	15	"	Bollington	Pott Shrigley	G.M.	Enteric	2	1	75	"	"	"	Fair
45	16	"	Bollington	Kerridge	K.F.E.	Erysipelas	6	1	4	"	"	"	Good
46	17	"	Bollington	Pott Shrigley	B.J.	Scarlet Fever	5	1	15	"	"	"	Fair
47	17	June 9	Gawsworth	North Rode	E.J.W.	"	2	1	6	To No. 41	June 8	"	"
48	18	"	Alderley	Chorley	B.H.	"	5	1	12	ms. Not traceable	"	"	"
49	18	July 2	Gawsworth	North Rode	B.B.	"	4	1	5	To No. 46	July 24	"	Good
50	18	"	Gawsworth	Henbury	R.M.	"	4	1	7	Not traceable	"	"	"
51	19	"	Bollington	Henbury	G.J.F.	"	5	1	9	"	"	"	"
52	19	"	Gawsworth	Bollington Cross	B.A.	"	2	1	15	To Oldham	"	"	"
53	19	"	Sutton	North Rode	S.A.	"	5	1	9	To No. 48	"	"	"
54	20	"	Rainow	Lane Ends	W.M.	Typhoid	3	1	16	Not traceable	"	"	"
55	21	"	"	Meclsfd. Forest	T.A.	Scarlet Fever	7	1	13	Traceable to Excursion to	"	"	"
56	21	"	"	"	T.W.	"	7	1	15	Liverpool	"	"	"

OUTBREAKS OF INFECTIOUS DISEASES DURING 1900.

No. of Case	No. in Report Book	Date 1900	Sub-District	Township	Initials	Disease	No. in family	No. Seized	Age	Source of Infection	Incidence	Sequence	Remarks
57	21	July 19	Rainow	Maclsfld. Forest	G.J.	Scarlet Fever	0	1	17	Excursion. to Liverpool	July 18	Recovered	Sanitary condtns. good
58	21	" 20	Hr. Sutton	Wildboardclough	G.A.H.	"	0	1	17	Excursion to Lvrpl.	" 19	Died	"
59	22	" 24	"	"	P.T.	"	9	1	6	To No. 58 [Tr'ce'ble to	" 23	Recovered	Very good
60	23	" 26	Prestbury	Prestbury	N.S.A.	Typhoid	10	1	44	Blocked grease trap	" 24	"	Good
61	24	" 27	Rainow	Taxal	W.F.	Diphtheria	6	1	14	Not traceable	" 26	"	Fair
62	24	" 27	"	"	W.W.	Scarlet Fever	6	1	9	"	" 26	"	"
63	22	" 31	Hr. Sutton	Wildboardclough	P.F.	"	9	1	10	To No. 59	" 30	"	Very good
64	22	" 31	"	"	P.M.	"	9	1	5	"	" 30	"	"
65	24	Aug. 10	Prestbury	Butley	B.F.	Typhoid	4	1	23	Camping at Altcar	Aug. 8	"	"
66	22	" 15	Hr. Sutton	Wildboardclough	P.N.	Scarlet Fever	9	1	7	To No. 63	" 14	"	"
67	25	" 21	Bollington	Kerridge	T.F.	"	4	1	6	Faulty drainage	" 20	"	"
68	25	Sept. 4	Bollington	Tytherington	L.L.	Typhoid	3	1	20	Foul wet ashpit	Sept. 1	"	"
69	26	" 5	Bollington	Hr. Hurdfield	S.J.	"	6	1	31	Not traceable	" 2	"	"
70	26	" 5	Gawsworth	Eaton	H.H.	Diphtheria	7	1	8	Traceable	" 2	"	Wet ashpits
71	—	" 5	Gawsworth	Eaton	H.W.	"	7	1	6	"	" 2	"	Defective drainage
72	27	" 17	Alderley	Chelford	S.Mrs.	Typhoid	8	1	37	"	" 15	"	Conditions fair
73	28	" 18	Rainow	Rainow	W.A.	Scarlet Fever	6	1	11	Not traceable	" 17	"	Bad sanitary condition of neighbours' closets
74	29	" 19	Prestbury	Poynton	P.F.W.	"	5	1	10	"	" 18	"	Insanitary condition
75	30	" 24	Alderley	Snelson	G.Mrs.	Diphtheria	10	1	40	Traceable	" 20	"	Conditions good
76	27	" 1	Alderley	Chelford	S.W.	Typhoid	8	1	11	To No. 72	" 29	"	Drainage simply [soakage
77	28	Oct. 5	Rainow	Rainow	W.M.	Scarlet Fever	6	1	9	To No. 73	Oct. 4	"	Conditions good
78	31	" 25	Alderley	Nr. Alderley	B.G.H.	Diphtheria	9	1	11	Traceable	" 22	"	Conditions simply [soakage
79	29	Nov. 17	Prestbury	Poynton	P.M.	Scarlet Fever	5	1	8	To No. 74	Nov. 16	"	Conditions good
80	—	" 25	Alderley	Chorley	C.G.	"	4	1	16	Traceable to M'cstr.	" 24	"	Defective ashpit
81	33	" 27	Prestbury	Poynton	W.H.	"	6	1	15	Traceable	" 26	"	"
82	—	Dec. 8	Rainow	Kettleshulme	H.E.	Erysipelas	0	1	6	m. Not traceable	"	Died	Believed to be good
83	—	" 15	Prestbury	Poynton	F.E.	Scarlet Fever	—	—	—	Said to be traceable to Church	Dec. 14	Recovered	

SURVEYOR AND INSPECTOR'S REPORT, 1900.

To the Macclesfield Rural District Council.

Gentlemen,

I have the honour to submit to you my Twelfth Annual Report, showing what has been done in your district in my department during the year 1900.

Area of District (acres)	80,409
Population, 1891	17,329
Townships in the District	38
Townships in which Inspections were made.....	38
Houses in the District	4,130
Houses visited	2,415

5 Waste-pipes were disconnected from drains.

46 Houses were provided with efficient drains of glazed socketted pipes where none previously existed, or to replace inefficient ones.

57 Inlets to drains were trapped.

39 New privies were built. Many others were re-arranged to prevent exposure of their contents to any rainfall or drainage.

14 Houses, which were so damp as to be injurious to the health of the occupants, were improved by the provision of means for carrying off the roof-water, by structural repairs, or by draining the sites.

16 Sleeping-rooms were provided with efficient means of ventilation. Many other nuisances arising from blocked drains, inefficient drainage disposal, the keeping of swine and other animals, accumulations of house and other refuse, etc., were abated.

24 Statutory Notices were served for the abatement of nuisances, for the provision of water supplies, or for the provision of efficient drains. In no case were legal proceedings taken.

Sulphur for fumigation and other disinfectants were supplied to houses, in which cases of infectious diseases had occurred, to the instructions of the Medical Officer of Health.

The Slaughter-houses were visited at intervals, and were found clean and in good order.

The Effluent Outfalls from Sewage Disposal Works, where they discharge into streams in your district, were visited at intervals.

75 Houses were provided with new or improved water supplies.

2 Samples of water were sent for analysis, one of which was reported unfit for domestic use. Steps were at once taken to prevent the use of this water for domestic purposes.

4 Samples of waters, which were in use in houses in which cases of Typhoid occurred, were bacteriologically examined for the *Bacillus Typhi Abdominalis*, but in each case with negative results.

3 Certificates for 9 houses were granted under the Public Health (Water) Act, 1878.

2 Notices were served under Part 2 of the Housing of the Working Classes Act, 1890. In one case the house was made habitable, and the other was vacated.

1 House unfit for habitation was vacated without the service of Notice.

8 Persons were registered under the Dairies Cowsheds and Milkshops Order, 1885.

367 Persons are now registered. Most of the premises were visited and were usually found in satisfactory order with regard to cleanliness.

19 Sets of plans of New Buildings were approved. The Buildings during the course of their erection were visited frequently to see that the Bye-laws were being adhered to.

32 Canal Boats were inspected under the Canal Boats Acts, 1877 and 1884.

The boats were registered for 97 adults, and they carried 56 men, 11 women, and 13 children, a percentage of 10, 13.8, and 16.2 respectively, as compared with 79, 11.3, and 9.7 in the previous year.

The few irregularities met with were amended without any legal proceedings having to be taken.

No case of Infectious Disease was met with.

LANGLEY WATER.—The Water Supply of the village of Langley was much improved by the enterprise of Mr. Whiston, a member of this Council and a County Alderman, who impounded several springs on his land in a small reservoir high above the village, and laid service-pipes from it to the back-yards of the houses. 70 houses and the Board School are now supplied with this water.

POYNTON SEWERS.—About 2,000 yards of additional sewers were laid in the Township of Poynton to convey the sewage of "Poynton Towers" (the residence of Lord Vernon) and other houses in the neighbourhood to the main outfall sewer. The Poynton sewers are now receiving the sewage of 419 houses.

BOLLINGTON CROSS SEWERS.—By an order of the County Council, confirmed by the Local Government Board, the Township of Kerridge has been amalgamated with the Urban District of Bollington. In consequence of this the proposed sewerage and sewage disposal arrangements at Bollington Cross, for which the Local Government Board had sanctioned a loan, were not carried out.

BOROUGH WATER EXTENSIONS.—The proposal to purchase water under the provisions of Section 61 of the Public Health Act, 1875, from the Macclesfield Corporation, and to distribute it in several townships in your district has not yet been realised. A Provisional

Order extending the Macclesfield Water Act, so as to meet the requirements of the proposal, has been obtained. The negotiations with the Corporation have not been completed.

UPTON SEWAGE.—Complaints have been received from the Macclesfield Corporation respecting the pollution of a stream, which flows through their cemetery, by sewage from houses in the Township of Upton. Application has been made to them for the terms and conditions upon which they will receive this sewage into their sewers.

EATON BANK SEWAGE.—At Eaton Bank, in the Township of Eaton, and close to the Buglawton Urban District, there are 29 houses, the sewage of which cannot be satisfactorily disposed of on the premises. A sewer is urgently needed, but the difficulties and costs of obtaining land and separately disposing of so small a quantity of sewage would be very considerable.

The neighbouring Urban District Councils of Congleton and Buglawton are negotiating for a joint sewerage scheme. Application has been made to them to receive this sewage of Eaton Bank into their proposed new sewers.

RIVER POLLUTIONS.—The only legal proceedings of the year were taken under Section 306 of the Public Health Act, 1875, against a landowner for obstructing me whilst employed in the execution of that Act. These proceedings were the outcome of an episode which occurred whilst I was accompanying the County Council Officer of Health, who desired to acquaint himself with the measures which had been taken to prevent certain pollutions of streams, upon which he had previously reported, and which the County Council had called upon you to prevent. In order to reach certain works, which had been carried out for this purpose, we had to cross private land. As we were so doing, the owner appeared on the scene and insisted—to the extent of introducing force—upon our withdrawal. The Court found, as a fact, that this visit was made under the Rivers Pollution Prevention Act, which does not give to those appointed to administer the Act authority to go on private land without permission, and, therefore, they dismissed the case. It is interesting to learn from this case that although the duty of administering the Rivers Pollution Prevention Act, 1876, is placed upon the Local Authorities established by the Public Health Act, 1875, they cannot for that purpose make use of the power of entry conferred on them by the latter Act, that they have no right of entry for such purpose, and that, if they desire any, they must seek it of the transgressors.

651 Letters were written on the business of the office.

1,048 Letters were received on the business of the office.

I am, Gentlemen,

Your obedient servant,

JAMES THORPE,

Surveyor and Inspector.

19, King Edward Street,

Macclesfield, 10th January, 1901.